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S3	1077892	formation or reservoir	US-PGPUB; USPAT	OR	ON	2005/01/21 09:35
S4	719327	S3 and @ad<="19991012"	US-PGPUB; USPAT	OR	ON	2005/01/21 09:36
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S7	1932220	gridcell or element	US-PGPUB; USPAT	OR	ON	2005/01/21 09:38
S8	15183	S6 and S7	US-PGPUB; USPAT	OR	ON	2005/01/21 09:39
S9	796	S8 and model and simulat\$4	US-PGPUB; USPAT	OR	ON	2005/01/21 09:40
S10	12	S9 and percolation	US-PGPUB; USPAT	OR	ON	2005/01/21 09:43
S11	1	huh and teletzke	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/21 12:37
S12	181	fingering and channeling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/21 12:38
S13	22384	fingering or channeling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/21 12:38
S14	3	S12 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/21 12:41
S15	35	S13 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/21 12:41

		Results
12.	((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(fingering) and FULL-TEXT(channeling)) and region) and percolation [All Sources(- All Sciences -)]	13
11.	(pub-date > 1959 and pub-date < 2000 and FULL-TEXT(fingering) and FULL-TEXT(channeling)) and region [All Sources(- All Sciences -)]	50
10.	pub-date > 1959 and pub-date < 2000 and FULL-TEXT(fingering) and FULL-TEXT(channeling) [All Sources(- All Sciences -)]	56
9.	((((((((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(percolation) and FULL-TEXT((formation or reservoir))) and recovery) and (gridcell or element)) and model) and simulat!) and region) and displac!) and flow) and fluid [All Sources(- All Sciences -)]	76
8.	((((((((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(percolation) and FULL-TEXT((formation or reservoir))) and recovery) and (gridcell or element)) and model) and simulat!) and region) and displac!) and flow [All Sources(- All Sciences -)]	94
7.	((((((((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(percolation) and FULL-TEXT((formation or reservoir))) and recovery) and (gridcell or element)) and model) and simulat!) and region) and displac! [All Sources(- All Sciences -)]	102
6.	((((((((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(percolation) and FULL-TEXT((formation or reservoir))) and recovery) and (gridcell or element)) and model) and simulat!) and region [All Sources(- All Sciences -)]	168
5.	((((((((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(percolation) and FULL-TEXT((formation or reservoir))) and recovery) and (gridcell or element)) and model) and simulat! [All Sources(- All Sciences -)]	221
4.	(((((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(percolation) and FULL-TEXT((formation or reservoir))) and recovery) and (gridcell or element)) and model [All Sources(- All Sciences -)]	366
3.	((((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(percolation) and FULL-TEXT((formation or reservoir))) and recovery) and (gridcell or element) [All Sources(- All Sciences -)]	441
2.	((pub-date > 1959 and pub-date < 2000 and FULL-TEXT(percolation) and FULL-TEXT((formation or reservoir))) and recovery [All Sources(- All Sciences -)]	1015
1.	pub-date > 1959 and pub-date < 2000 and FULL-TEXT(percolation) and FULL-TEXT((formation or reservoir)) [All Sources(- All Sciences -)]	7000

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[Segregation Of Polydisperse Granular Media In The.. - Luding, Strauss.. \(1999\) \(Correct\) \(1 citation\)](#)
 can be driven by geometric effects, shear, **percolation** and also by a convective motion of the small
 the cold region is shifted towards the colder **reservoir** if the temperature of one source is much
 temperature gradient builds up between the two **reservoirs** and the large particles are found close to the
www.uni-tuebingen.de/uni/opx/reports/luding_142.ps.gz

[Damage Spreading in the Ising Model - Haye Hinrichsen \(1997\) \(Correct\) \(1 citation\)](#)
 such transitions are not always in the directed **percolation** universality class. PACS numbers: 05.50.q,
 of damage spreading transitions is directed **percolation** (DP) This indeed is correct, but we
 chain that evolves in contact with a thermal **reservoir**. Damage heals at low temperature and spreads at
publish.aps.org/eprint/gateway/epget/aps1997mar11_001/derived/main.ps

[Unknown - Report Object-Oriented Guelph \(Correct\)](#)

49 44. Behavior of **percolation**

(f) Baseflow Soil Surface Seepage (e) **Percolation** (p) Bottom Subsurface Storage Subsurface

33 22. Lag created by linear **reservoir**

www.crrel.usace.army.mil/techpub/CRREL_Reports/reports/SR96_04.pdf

[Foamy Oil Flow in Porous Media - Joseph Kamp Bai \(Correct\)](#)

which the bubbles do not coalesce to produce the **percolation** of free gas. In this theory the bubbles move
 [1996] identifies this critical saturation as a **percolation** limit, whilst Firoozabadi, Ottensen and
 features associated with production from **reservoirs** of so-called foamy oils. These oils are
www.msi.umn.edu/general/Reports/rptfiles/UMSI99-157/UMSI99-157.ps.Z

[Predicting Physical Properties Of Reservoir Rocks From - The Microstructural Analysis \(Correct\)](#)
 and permeability calculations are based on **percolation** networks, obtained from the reconstructed
 model, between permeability models based on **percolation** networks and models based on the integration
 Predicting Physical Properties Of **Reservoir** Rocks From The Microstructural Analysis Of
www.lmpt.ufsc.br/~andre/Artigos/111-PredictingPhysicalPropertiesReservoirRocks.pdf

[Characterization of Reservoir Rocks from Image.. - Philippi.. \(Correct\)](#)

model, between permeability models based on **percolation** networks and models based on the integration
 the wellknown limitations of methods based on **percolation** networks. In fact, the skeleton is constructed
 Characterization of **Reservoir** Rocks from Image Analysis On Imago Software
www.lmpt.ufsc.br/~andre/Artigos/112-CharacterizationOfReservoirRocks.pdf

[Two Phase Equilibrium Distribution In Three- Dimensional - Porous Microstructures.. \(Correct\)](#)
 presently proposed methodology with respect to **percolation** networks conception is that simplifying
 surfaces that are very difficult to model using **percolation** networks of sites and bonds. Simulation
 reconstructed porous microstructures of **reservoir** rocks. The great advantage of the presently
www.lmpt.ufsc.br/~andre/Artigos/TWO_PHASE_EQUILIBRIUM.pdf

[Measurement and Network Modeling of Liquid Permeation.. - Joachim Schoelkopf Cathy \(Correct\)](#)
 controlled manner at this single face only. The **percolation** characteristics of an identical sample were
 void structure was generated with the same **percolation** characteristics using a software package
 fluid entered the capillary tube from an infinite **reservoir** (supersource) Balancing these with the
www.pore-cor.com/downloads/SchoelkopfJCIS.pdf

[Volume 9 Energy and Water Balance Calculations in the.. - Randal Koster Hydrological \(Correct\)](#)

:30 6.5 **Percolation** to the Water Table :

T c , lies at or below the freezing point. 6.5 **Percolation** to the Water Table **Percolation** of water out
 The scheme includes a canopy interception **reservoir** and three soil **reservoirs**: a thin layer near

dao.gsfc.nasa.gov/pub/tech_memos/volume_9.ps.Z

[NOAA Technical Memorandum ERL GLERL-61 NEAR-REAL-TIME.. - Ann Michigan April \(Correct\)](http://ftp.glerl.noaa.gov/publications/tech_reports/glerl-061/tm-061.pdf)
ftp.glerl.noaa.gov/publications/tech_reports/glerl-061/tm-061.pdf

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[On the Use of High-Performance Simulation in the.. - Tompson Rosenberg Bosl \(Correct\)](http://www.llnl.gov/casc/people/ashby/.../pubs/jc126359.pdf)
extraction well can be placed within 500 ft of a **percolation** basin, regardless of the depth of its screened times of recycled groundwater recharged from the **percolation** basins, both under historical and future heavily on surface water provided by numerous **reservoir** and aqueduct systems. As a result of growth,
www.llnl.gov/casc/people/ashby/.../pubs/jc126359.pdf

[Pipe Network Model for Scaling of Dynamic Interfaces in.. - Chi-Hang Lam And \(Correct\)](http://apricot.ap.polyu.edu.hk/pub/pipe-f.ps.gz)
to be described by a directed depinning **percolation** model [2,5-7]To explain dynamic properties, focused on ow inside porous rocks. Tenuous **percolation** type wetting patterns are obtained. To line of the paper sheet with the water in the **reservoir**. The interface height h and width w are 4
apricot.ap.polyu.edu.hk/pub/pipe-f.ps.gz

[The Morphology Of Alloy Corrosion - Sean Corcoran Virginia \(Correct\)](http://dvorak.mse.vt.edu/faculty/corcoran/papers/ECS98_color.pdf)
phase by volume diffusion [4,5]and (iv) the **percolation** model of selective dissolution which expands Ag in the alloy the Ag composition is above the **percolation** threshold. The dissolution process continues 3 was circulated through the cell from a 500 ml **reservoir**. For the HClO 4 1 mM Ag electrolyte, a Ag
dvorak.mse.vt.edu/faculty/corcoran/papers/ECS98_color.pdf

[An Algorithm-Independent Definition of Damage Spreading.. - Hinrichsen, Weitz.. \(Correct\)](http://www.weizmann.ac.il/home/fedomany/damage_JSP.ps)
of Damage Spreading -Application to Directed **Percolation** Haye Hinrichsen 1 Joshua S. Weitz 12
Key words: damage spreading, directed **percolation** 1 Introduction The concept of damage spreading evolution of a system in contact with a thermal **reservoir**. If spreading or healing of damage were to
www.weizmann.ac.il/home/fedomany/damage_JSP.ps

[Simulations of One- and Two-Phase Flow in Fractures - Meakin, Rage, Wagner.. \(1996\) \(Correct\)](http://www.uio.no/~trage/thesis/CD/papers/Paper5_C.PS.gz)
immiscible two-phase flow, a modified invasion **percolation** algorithm was used to model quasistatic was simulated using a modified site invasion **percolation** model (Lenormand and Bories, 1980 Meakin et hydrocarbon fluids from source rocks to a trap or **reservoir** and in the economic recovery of oil and gas
www.uio.no/~trage/thesis/CD/papers/Paper5_C.PS.gz

[Studies of Tracer Dispersion and Fluid Flow in Porous Media - Rage \(Correct\)](http://www.uio.no/~trage/thesis/CD/papers/Thesis.PS.gz)
Paper 3 (P3) presents first measurements on the **percolation** probability distribution of a sandstone is demonstrated in P3 that the measurement of **percolation** probability distributions on digitized of hydrocarbon fluids from the source rock to a **reservoir**. Due to the small length scales and large time
www.uio.no/~trage/thesis/CD/papers/Thesis.PS.gz

[Determination Of Critical Exponents In Nuclear Systems - Müller, Bassini.. \(1996\) \(Correct\)](http://www-kp3.gsi.de/www/ps-files/mueller_1996_cris/cris_96_prep.ps)
fragmentation are often based on arguments from **percolation** theory. We demonstrate with general studies of the Ising model that the reliance on **percolation** as a reference model bears the risk of missing a system with N S constituents coupled to a **reservoir** with NR constituents: 3 NR N S N S
www-kp3.gsi.de/www/ps-files/mueller_1996_cris/cris_96_prep.ps

[Predicting Oil Recovery Using Percolation - Peter King Jose \(Correct\)](http://www-shakh.harvard.edu/~dokh/papers/kabdlhs_pa99.ps.gz)
(1999) 107-114 Predicting oil recovery using **percolation** Peter R. King abJose S. Andrade Jr. the economic risk. In this paper we use **percolation** theory to predict (i) the distribution of the spatial distribution of rock properties in the **reservoir**. Direct measurements are limited to samples
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The apparent GMCs are sorted out by the **percolation** scheme and the fragmentation of GMCs due to S165 S166, 1996 S165 Bottom-Up Model For The **Formation** Of Gmc's Guo-Xuan Song Shanghai Observatory, fragmented to less massive clouds by expanding HII **region**, stellar wind and supernova explosion by the mercury.es.pusan.ac.kr/IAUap/papers/009.ps.gz

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self-affine fractals (see below)3. Spreading **percolation** In this section we shall consider a model while in other cases (for example during the **formation** of aerogels) the aggregates themselves are also in terms of the number of particles N in a given **region** of the fractal aggregate. A broad class of ftp.cwi.nl/pub/CWIQuarterly/1997/10.2/vicsek.ps.gz

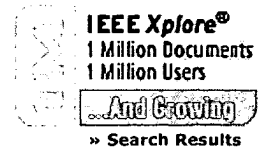
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Wong, H.-S.P.; Frank, D.J.; Solomon, P.M.; Wann, C.H.J.; Welser, J.J.;
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 Pages: 537 - 570

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2 Cell-based analytic statistical model with correlated parameters for intrinsic breakdown of ultrathin oxides

Ming-Jer Chen; Huan-Tsung Huang; Jyh-Huei Chen; Chi-Wen Su; Chin-Shan Hou; Mong-Song Liang;
 Electron Device Letters, IEEE, Volume: 20, Issue: 10, Oct. 1999
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8 Information states in radar imagery of sea ice

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26 The Gas-Tightness of Separable Base Metal Electric Contacts

Tripp, J.; Garte, S.;

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